INTERNATIONAL SEARCH REPORT

Inti nal Application No
PC1/6B2004/004926

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E21B37/02 E21B17/05 E21B21/10 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 E21B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1-5,10, US 6 082 457 A (BEST ET AL) X 4 July 2000 (2000-07-04) 12-25 column 3, line 15 - column 4, line 60; figure 1 US 4 632 193 A (GECZY ET AL) X 30 December 1986 (1986-12-30) figures 1-9 WO 97/19248 A (THE RED BARON LIMITED; MCGARIAN, BRUCE; TULLOCH, RORY, MCGRAE) 29 May 1997 (1997-05-29) page 18, paragraph 5 - page 21, paragraph 2; figures 1-3 WO 98/29637 A (HELMS, CHARLES, M) Α 9 July 1998 (1998-07-09) page 6, lines 4-12; figures 2,3 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. • Special categories of dted documents : "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority daim(s) or which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the International search report Date of the actual completion of the international search 18/02/2005 11 February 2005 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswilk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, van Berlo, A Fax: (+31-70) 340-3016

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